How To Factory Reset The DES-6300 To Default, Add A New IP And Change Default Password

Please follow the below steps to reset the unit.

Hyperterm: 115200, n, 8, 1,
flowcontrol=none

Once loaded you should see the below (>).
If not hit enter you should now get the (>) sign.

Please see the Blue writing for the commands to type.

>
>debug

Enter DEBUG Password: ********** **(dlinkdebug)**

DEBUG>erase cdb

After the erase cdb command you should get the below.

```
************************************************
*****************  SYSTEM RESET  ******************
************************************************

Booting ......

------ Performing the Power-On Self Test (POST) ------

UART Channel Loopback Test.....PASS
Testing the System SDRAM.....PASS
EPROM Checksum Boot1 Test.....PASS
EPROM Checksum Boot2 Test.....PASS
Flash Image Validation Test.....PASS
Testing CPU PCI Bus Device Configuration.....PASS

BOOT Software Version Prom-0.2.3.0 Built  25-Sep-2002  17:28:32
Processor: MPC8240 Rev 0.13, 200 MHz (Bus: 99MHz), 64MBytes sdram.
I-Cache 16 KB, linesize 32.D-Cache 16 KB, linesize 32.
Cache Enabled.

Autoboot in 2 seconds - press RETURN or Esc to abort and enter prom.

Loading Kernel.
6ff200
100% - Image checksum validated

****************************************************************
*** Running  SW  Ver. 3.131  Date 03-Oct-2002  Time 10:05:53 ***
****************************************************************
Base Mac address is: 00:05:5d:70:5c:40
Dram size is  : 64M bytes
Dram max free block size is  : 52M bytes
Dram PTR is  : C00000
Flash size is: 16M
```

```
Nvram size is: 128K
Device configuration:

Module          Type                              Hardware version
DES-6302(Slot 0) CPU Board Present                      Rev.3A1
DES-6303(Slot 1) 16-Port 10/100M TX Module Present      Rev.2A1
      (Slot 2) Empty
      (Slot 3) Empty
      (Slot 4) Empty
      (Slot 5) Empty
      (Slot 6) Empty

Current mode = EXTENDED
MAC Multicast can't work: 0 entries
Init task is completed

>02-Jun-2003 14:01:54 INFO    power supply PS2 present
02-Jun-2003 14:01:55 ERROR   power supply PS1 not present
02-Jun-2003 14:01:55 ERROR   power supply PS1 not operational
02-Jun-2003 14:01:55 ERROR   fan #1 of power supply PS1 not operational
02-Jun-2003 14:01:55 ERROR   fan #2 of power supply PS1 not operational
02-Jun-2003 14:01:56 WARNING Port     1-1 Down
02-Jun-2003 14:01:56 WARNING Port     1-2 Down
02-Jun-2003 14:01:56 WARNING Port     1-3 Down
02-Jun-2003 14:01:56 WARNING Port     1-4 Down
02-Jun-2003 14:01:56 WARNING Port     1-5 Down
02-Jun-2003 14:01:56 WARNING Port     1-6 Down
02-Jun-2003 14:01:56 WARNING Port     1-7 Down
02-Jun-2003 14:01:58 INFO    Port     1-8 Up
02-Jun-2003 14:01:58 WARNING Port     1-9 Down
02-Jun-2003 14:01:58 WARNING Port     1-10 Down
02-Jun-2003 14:01:58 WARNING Port     1-11 Down
02-Jun-2003 14:01:59 WARNING Port     1-12 Down
02-Jun-2003 14:01:59 WARNING Port     1-13 Down
02-Jun-2003 14:01:59 WARNING Port     1-14 Down
02-Jun-2003 14:01:59 WARNING Port     1-15 Down
02-Jun-2003 14:01:59 WARNING Port     1-16 Down
```

After this type initerm

This would have cleaned all of the settings from the unit, you now need to Add the IP, subnet, port setting etc…

You should see the below with no settings.

```
            StartUp Configuration

0. Exit StartUp Configuration
1. IP address
2. IP subnet mask
3. Port
4. Default router IP address
5. RIP version
6. OSPF enable
7. OSPF area ID
8. NMS IP address
9. Community name
Enter your choice:
```

Once you have this can you please follow the below.

Enter your choice: 1
Enter ip address: eg. 192.168.0.5

Enter your choice: 2
Enter ip subnet mask: eg. 255.255.255.0

Enter your choice: 3
Enter port: 100000:all (no space)

Enter your choice: 5
Enter 0 - disable, 1 - RIPv1, 2 - RIPv2 : 1

Enter your choice: 6
Enter Y - enable or N - disable : n

Enter your choice: 8
Enter NMS ip address: 192.168.0.157 (IP of the computer that has Config master)

Enter your choice: 9
Enter community name: eg, public

Are you sure (y/n)? y

```
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************************************************

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       (Slot 4) Empty
       (Slot 5) Empty
       (Slot 6) Empty

Current mode = EXTENDED
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Init task is completed

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02-Jun-2003 14:05:33 ERROR   power supply PS1 not present
02-Jun-2003 14:05:33 ERROR   power supply PS1 not operational
02-Jun-2003 14:05:33 ERROR   fan #1 of power supply PS1 not operational
02-Jun-2003 14:05:33 ERROR   fan #2 of power supply PS1 not operational
02-Jun-2003 14:05:34 WARNING Port     1-1 Down
02-Jun-2003 14:05:34 WARNING Port     1-2 Down
02-Jun-2003 14:05:34 WARNING Port     1-3 Down
02-Jun-2003 14:05:34 WARNING Port     1-4 Down
02-Jun-2003 14:05:34 WARNING Port     1-5 Down
02-Jun-2003 14:05:34 WARNING Port     1-6 Down
02-Jun-2003 14:05:34 WARNING Port     1-7 Down
02-Jun-2003 14:05:36 INFO    Port     1-8 Up
02-Jun-2003 14:05:36 INFO    Vlan     100000 Up
02-Jun-2003 14:05:36 WARNING Port     1-9 Down
02-Jun-2003 14:05:36 WARNING Port     1-10 Down
02-Jun-2003 14:05:36 WARNING Port     1-11 Down
02-Jun-2003 14:05:36 WARNING Port     1-12 Down
02-Jun-2003 14:05:37 WARNING Port     1-13 Down
02-Jun-2003 14:05:37 WARNING Port     1-14 Down
02-Jun-2003 14:05:37 WARNING Port     1-15 Down
02-Jun-2003 14:05:37 WARNING Port     1-16 Down
02-Jun-2003 14:05:46 WARNING Port     1-8 Down
02-Jun-2003 14:05:46 INFO    Vlan     100000 Down
02-Jun-2003 14:05:51 INFO    Port     1-6 Up
02-Jun-2003 14:05:51 INFO    Vlan     100000 Up
02-Jun-2003 14:06:13 INFO    Cold Start
```

Hit Enter you should get >

Next follow the below to check that the IP has been saved onto the unit.

>mcli

Enter MCLI Password: **** (mcli)

MCLI> ipaddrtable

```
Get, getNext, Add, Edit, Delete, Clear, Var-change, deFault(I=all), Quit,Refresh

#[1] ipAdEntAddr
*[2] ipAdEntIfIndex
*[3] ipAdEntNetMask
  [4] ipAdEntBcastAddr              1
-[5] ipAdEntReasmMaxSize
 [6] rsIpAdEntForwardIpBroadcast  disable
 [7] rsIpAdEntArpServer           disable
 [8] rsIpAdEntName                ""
```

Enter Your Choice: n

```
Get, getNext, Add, Edit, Delete, Clear, Var-change, deFault(I=all), Quit,Refresh

#[1] ipAdEntAddr                  192.168.0.5
*[2] ipAdEntIfIndex               100000
*[3] ipAdEntNetMask               255.255.255.0
  [4] ipAdEntBcastAddr            1
-[5] ipAdEntReasmMaxSize          1500
 [6] rsIpAdEntForwardIpBroadcast  disable
 [7] rsIpAdEntArpServer           disable
 [8] rsIpAdEntName                ""

Enter Your Choice:
Next variable instance found
```

Enter Your Choice: q
MCLI>quit
>

HOW TO CHANGE DEFAULT PASSWORD

>mcli
Enter MCLI Password: **** (mcli)

MCLI>password

```
Change MCLI Password
--------------------
  Enter OLD password: **** (mcli)
  Enter NEW password: *********
  Enter NEW password again, for verification: *********
Password changed
MCLI>
```